## In the Claims

1. (Currently Amended). An image processing system for processing video content in a sequence of video frames and linking one or more pixel objects embedded in said video content in a sequence of video frames to selected data objects in a sequence of video frames, the image processing system comprising:

a video capture system for capturing a frame of said sequence of video frames to be viewed defining a captured video frame;

a user interface for enabling a user to select one or more pixel objects in said captured frame defining selected pixel objects;

a pixel object tracking system which includes a processor which automatically tracks said selected pixel objects in other frames;

a video linking system which generates one or more linked video files, separate from said video content, which identify the pixel objects by frame number and location within the file frame, providing one or more links to data for each pixel object.

2. (Currently Amended). The system as recited in claim 1, wherein said data content has a predetermined playback rate and said video linking system may sample samples said video content at a sample rate of less than said predetermined playback rate.

3. (Currently Amended). The system as recited in claim 2, wherein said sample rate may be is three (3) frames per second.

4. (Original). The system as recited in claim 1, wherein said video linking system is configured to identify segment breaks in said video content.

5. (Original). The system as recited in claim 4, wherein said segment breaks are determined by determining the median average pixel values for a series of frames and comparing changes in the pixel values relative to the median average and indicating a segment break when the change in pixel values represents at least a predetermined change relative to the median average.

6. (Canceled).

7. (Canceled).

8. (Canceled).

9. (Canceled).

10. (Canceled).